

INTERNATIONAL SEARCH REPORT

International Application No
/GB2004/003090

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04J14/02 G02B6/12 G01F1/01		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04J G02F G02B		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, INSPEC		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 025 943 A (MEEKERS BART ET AL) 15 February 2000 (2000-02-15) abstract column 2, line 1 - line 23 column 3, line 51 - column 4, line 58 column 6, line 57 - column 8, line 2 claim 2 figure 3	1-3, 10
Y	----- US 6 212 315 B1 (DOERR CHRISTOPHER RICHARD) 3 April 2001 (2001-04-03) cited in the application abstract column 1, line 23 - column 2, line 61 column 3, line 54 - column 4, line 25 column 5, line 19 - column 6, line 31 figures 1,3 ----- <div style="text-align: center;">-/--</div>	1-46
<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. </div>		
<div style="display: flex;"> <div style="flex: 1;"> <p>* Special categories of cited documents:</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the International filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="flex: 1;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*S* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search <div style="text-align: center;">27 September 2004</div>		Date of mailing of the international search report <div style="text-align: center;">05/10/2004</div>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer <div style="text-align: center;">Carballo da Costa, E</div>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>EP 1 065 534 A (NORTEL NETWORKS LTD) 3 January 2001 (2001-01-03) abstract page 2, paragraph 2 - paragraph 9 page 3, paragraph 12 page 4, paragraph 20 - paragraph 21 claim 5 figures 1,4</p>	1-46
A	<p>----- US 6 285 810 B1 (FINCATO ANTONIO ET AL) 4 September 2001 (2001-09-04) abstract column 1, line 11 - line 25 column 6, line 16 - column 7, line 15 column 8, line 22 - line 32</p>	1-46
A	<p>----- HERBEN C: "Integrated optoelectronics in indium phosphide technology" TIJDSCHRIFT VAN HET NEDERLANDS ELEKTRONICA- EN RADIOGENOOTSCAP, vol. 66, no. 2, 2001, pages 37-43, XP009037047 Introduction Electro-optic modulators</p> <p>-----</p>	1-46

INTERNATIONAL SEARCH REPORT

Information on patent family members

national Application No

Y/GB2004/003090

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 6025943	A	15-02-2000	EP	0833473 A2	01-04-1998
US 6212315	B1	03-04-2001	NONE		
EP 1065534	A	03-01-2001	US	6424755 B1	23-07-2002
			CA	2311961 A1	02-01-2001
			EP	1065534 A1	03-01-2001
US 6285810	B1	04-09-2001	IT	MI961591 A1	26-01-1998
			IT	1290525 B1	04-12-1998
			DE	69716072 D1	07-11-2002
			DE	69716072 T2	05-06-2003
			EP	0909403 A1	21-04-1999
			JP	2002515134 T	21-05-2002
			WO	9804954 A1	05-02-1998

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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